

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029264.D
 Acq On : 15 Oct 2017 18:14
 Operator : SJ/JU
 Sample : I5548-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 16 09:34:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 09:33:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	176399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	777931	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	456816	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	948877	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	856124	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	860843	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13341	3.07	ng/uL	0.00
5) Phenol-d5	7.32	99	266358	15.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	174262	16.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	209379	17.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	183083	13.39	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	108075	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	118657	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	216625	16.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	119556	7.89	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	673775	17.25	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	841394	17.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	75996	10.54	ng/ul	0.00
57) Fluorene-d10	15.78	176	572601	17.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	61937	13.37	ng/ul	0.00
70) Anthracene-d10	17.63	188	778874	17.36	ng/ul	0.00
76) Pyrene-d10	19.90	212	813756	18.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	692625	16.99	ng/ul	0.00

Target Compounds

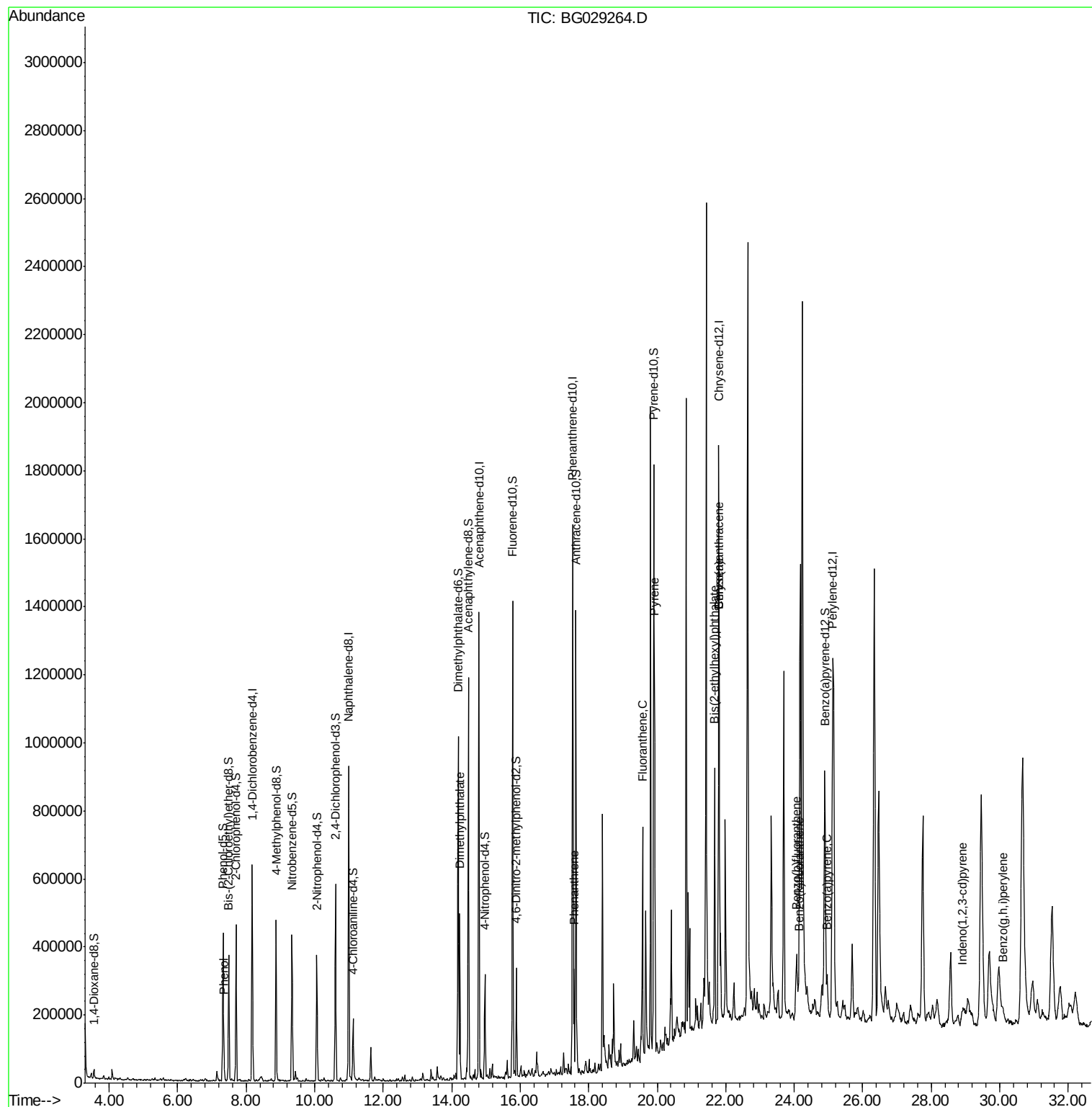
					Ovalue	
6) Phenol	7.35	94	35509	2.027	ng/ul#	85
44) Dimethylphthalate	14.24	163	311833	8.186	ng/ul	98
69) Phenanthrene	17.57	178	174661	3.405	ng/ul	99
74) Fluoranthene	19.57	202	355979	6.210	ng/ul#	92
77) Pyrene	19.93	202	300008	5.229	ng/ul#	87
80) Benzo(a)anthracene	21.79	228	148866	2.775	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.68	149	315060	9.345	ng/ul	97
82) Chrysene	21.79	228	148866	3.054	ng/ul	98
85) Benzo(b)fluoranthene	24.07	252	209670	4.057	ng/ul#	95
86) Benzo(k)fluoranthene	24.13	252	69937	1.400	ng/ul	98
88) Benzo(a)pyrene	24.96	252	133976	2.663	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.92	276	89318	1.569	ng/ul#	90
91) Benzo(g,h,i)perylene	30.09	276	67707	1.435	ng/ul#	84

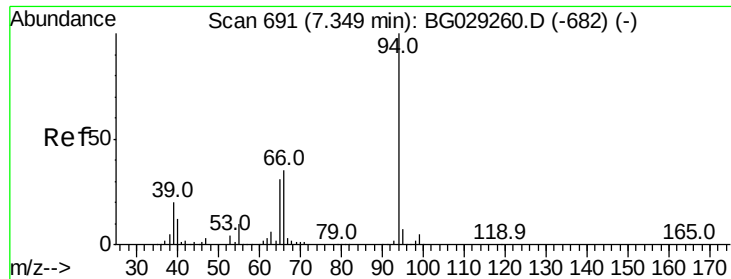
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
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Quant Time: Oct 16 09:34:42 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 09:33:08 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.027 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampleId :

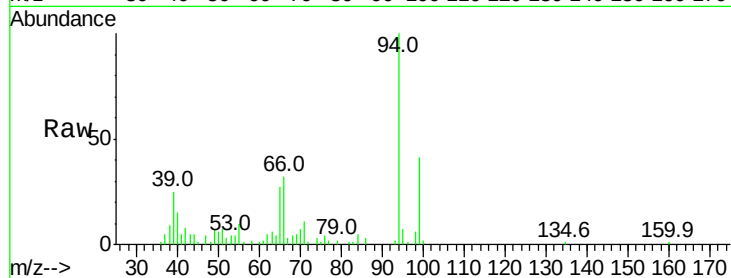
Tot Ion: 94 Resp: 35509

Ion Ratio Lower Upper

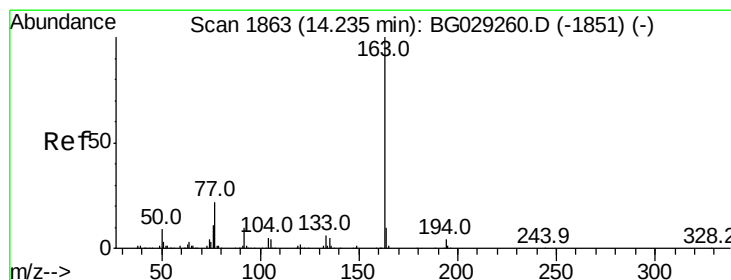
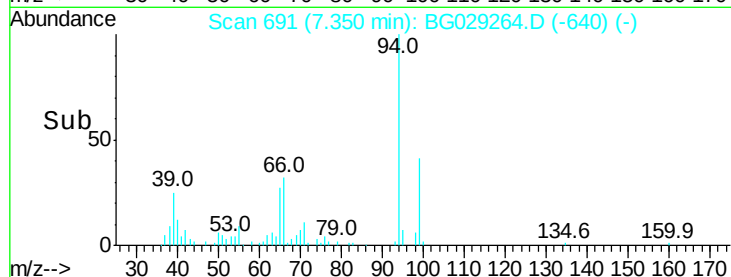
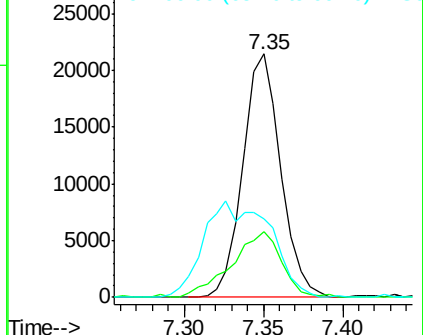
94 100

65 27.2 27.1 40.7

66 32.2 34.6 52.0#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



#44

Dimethylphthalate

Concen: 8.186 ng/ul

RT: 14.24 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

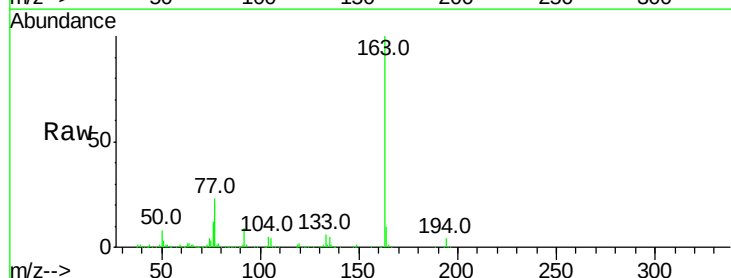
Tgt Ion:163 Resp: 311833

Ion Ratio Lower Upper

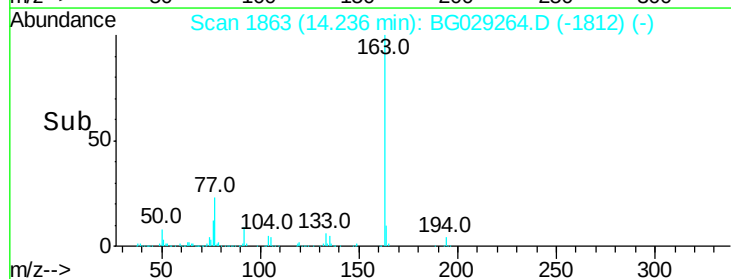
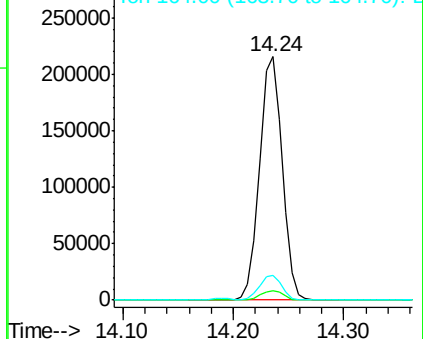
163 100

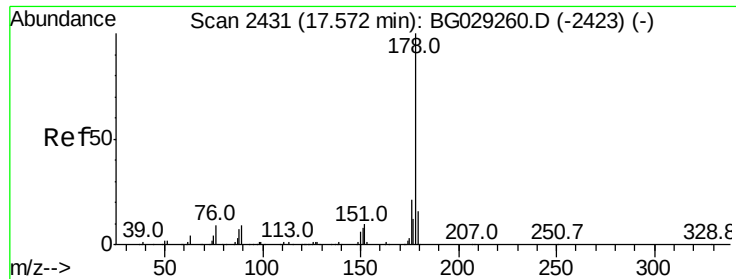
194 4.0 3.5 5.3

164 10.4 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 3.405 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampleId :

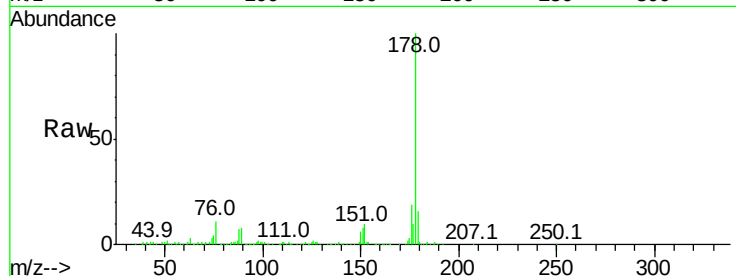
Tot Ion:178 Resp: 174661

Ion Ratio Lower Upper

178 100

179 16.5 13.0 19.6

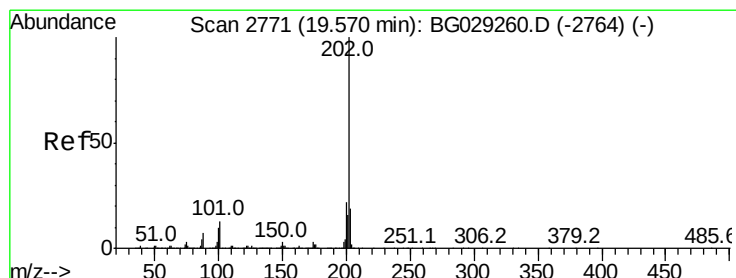
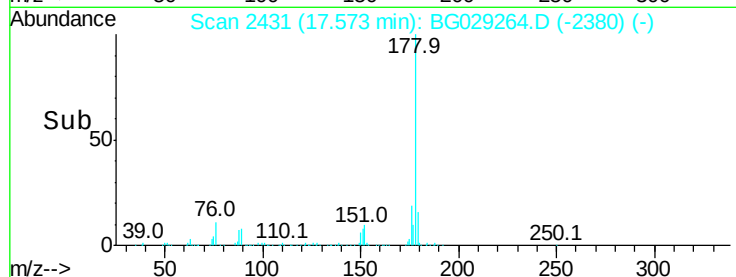
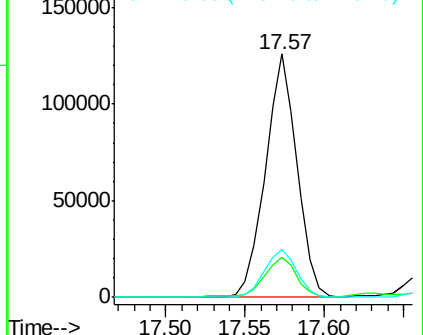
176 19.4 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#74

Fluoranthene

Concen: 6.210 ng/ul

RT: 19.57 min Scan# 2771

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

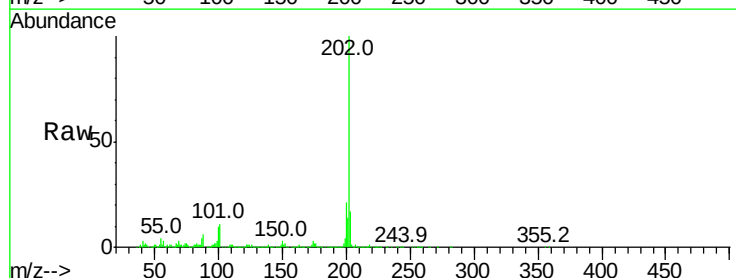
Tgt Ion:202 Resp: 355979

Ion Ratio Lower Upper

202 100

101 11.4 7.4 11.2#

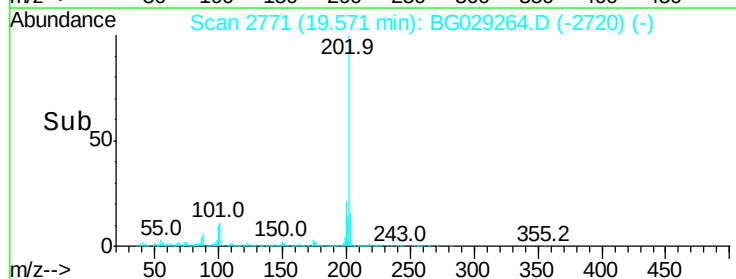
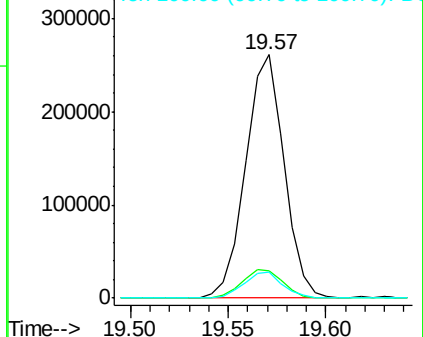
100 10.5 5.6 8.4#

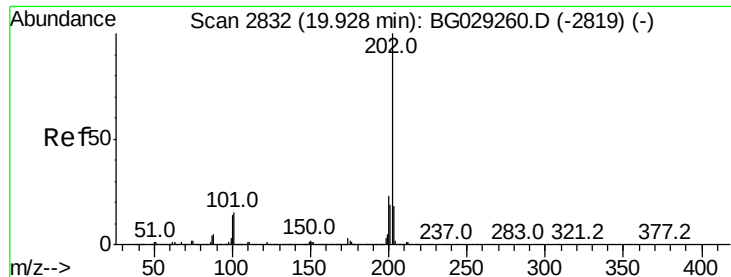


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

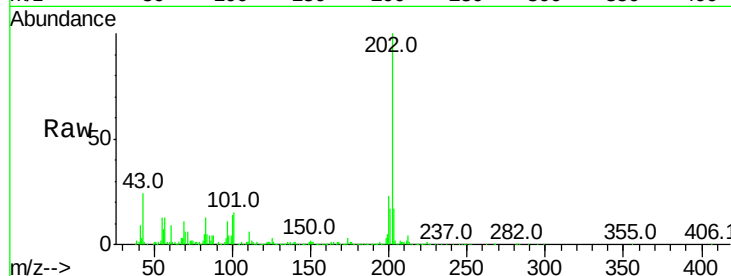




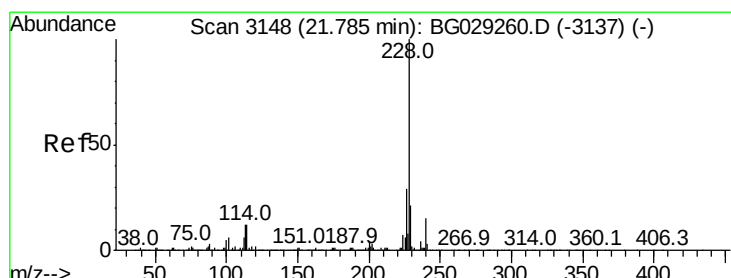
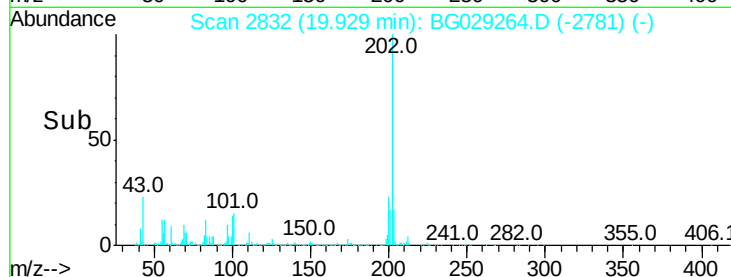
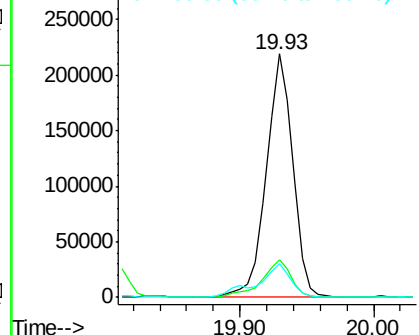
#77
 Pvrene
 Concen: 5.229 ng/ul
 RT: 19.93 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG029264.D
 Acq: 15 Oct 2017 18:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	8.4	12.6#
100	13.7	7.0	10.6#

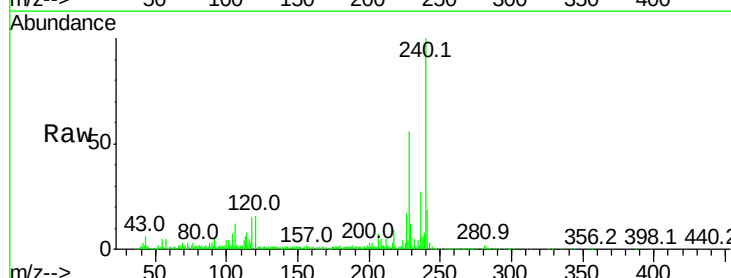


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

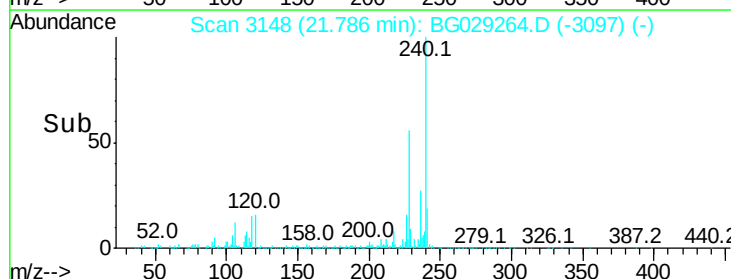
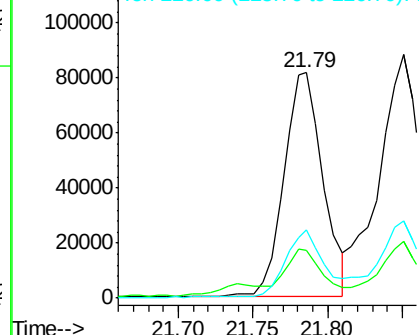


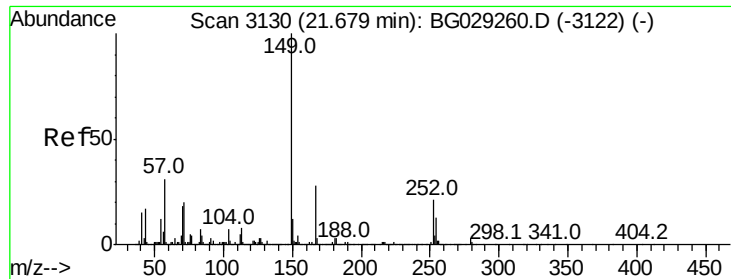
#80
 Benzo(a)anthracene
 Concen: 2.775 ng/ul
 RT: 21.79 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: BG029264.D
 Acq: 15 Oct 2017 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.4
226	30.1	22.2	33.2



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 229.00 (228.70 to 229.70): E
 Ion 226.00 (225.70 to 226.70): E

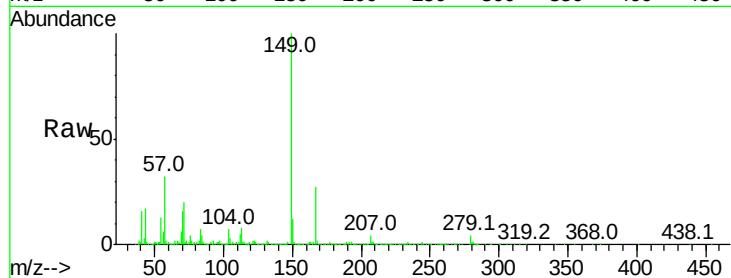




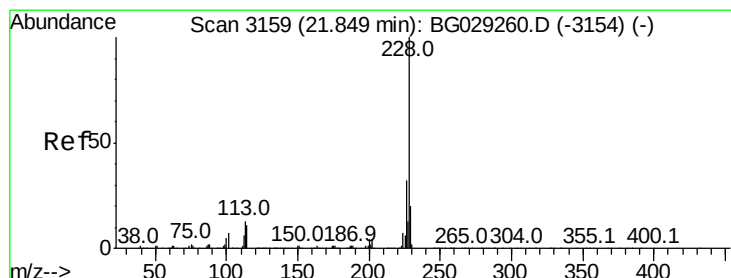
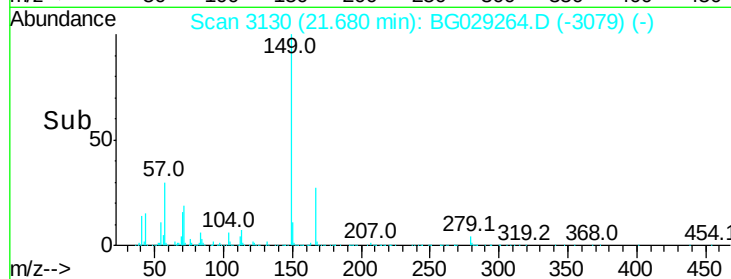
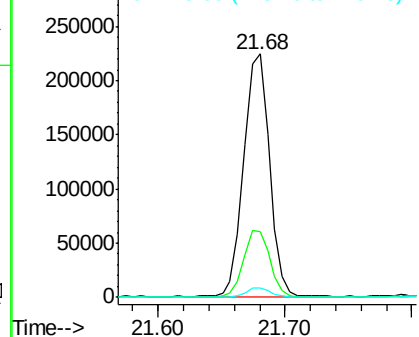
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 9.345 ng/ul
 RT: 21.68 min Scan# 3130
 Delta R.T. 0.00 min
 Lab File: BG029264.D
 Acq: 15 Oct 2017 18:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.2	34.8
279	3.7	3.1	4.7

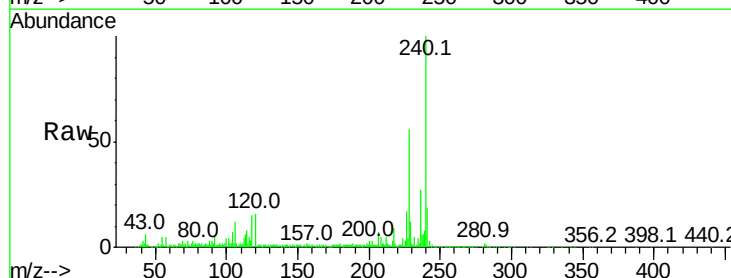


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

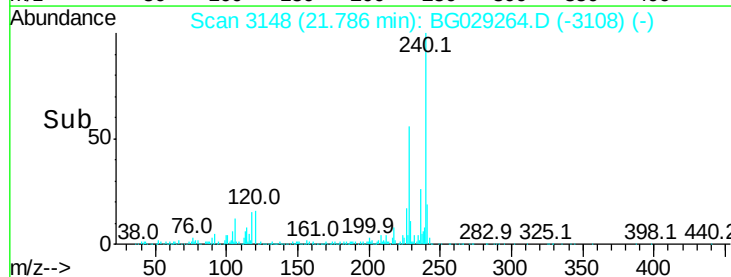
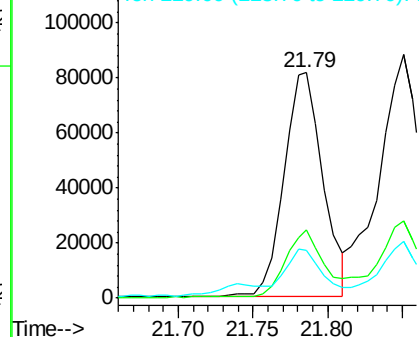


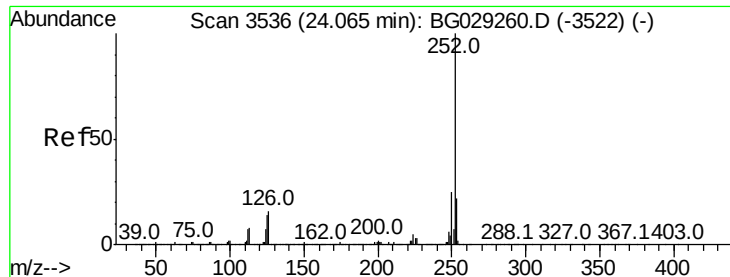
#82
 Chrysene
 Concen: 3.054 ng/ul
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.06 min
 Lab File: BG029264.D
 Acq: 15 Oct 2017 18:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	21.0	15.2	22.8



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 4.057 ng/ul

RT: 24.07 min Scan# 3536

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampleId :

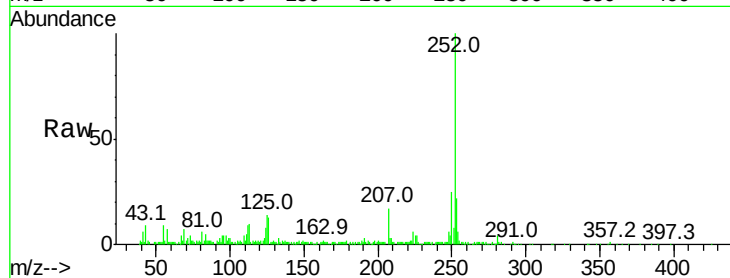
Tot Ion:252 Resp: 209670

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.4

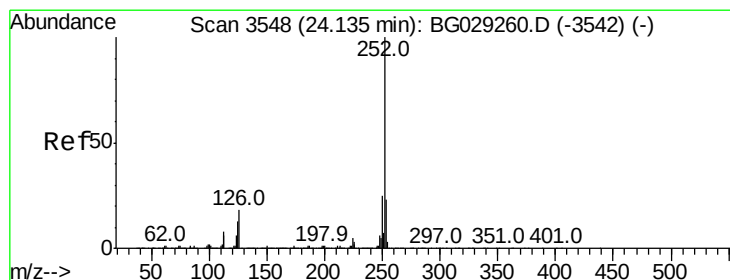
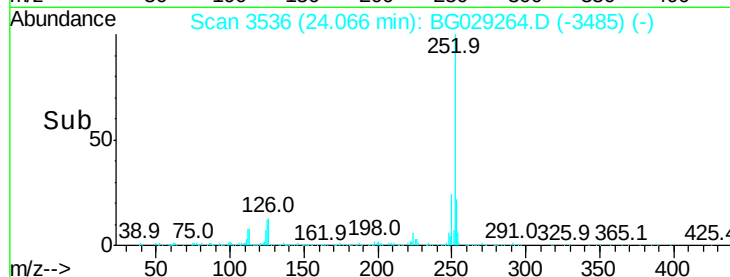
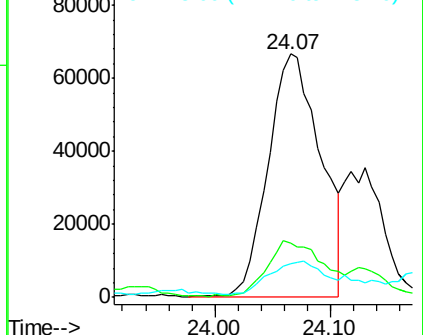
125 14.0 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 1.400 ng/ul

RT: 24.13 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

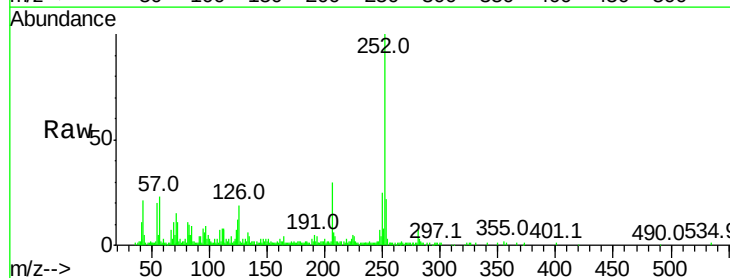
Tgt Ion:252 Resp: 69937

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

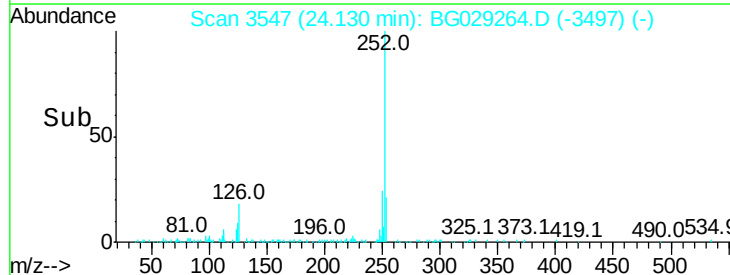
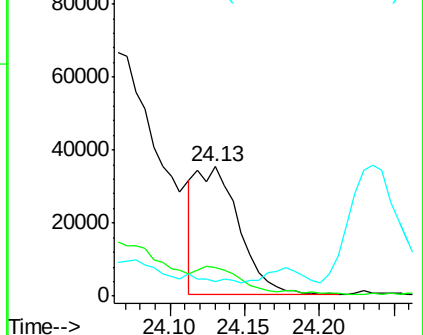
125 11.7 7.8 11.8

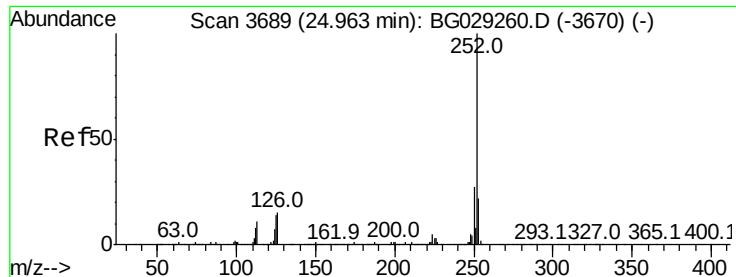


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 2.663 ng/ul

RT: 24.96 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampleId :

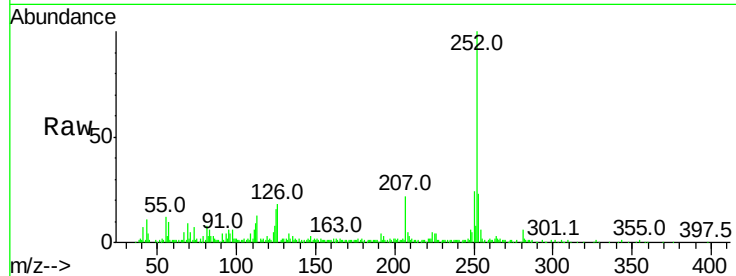
Tot Ion:252 Resp: 133976

Ion Ratio Lower Upper

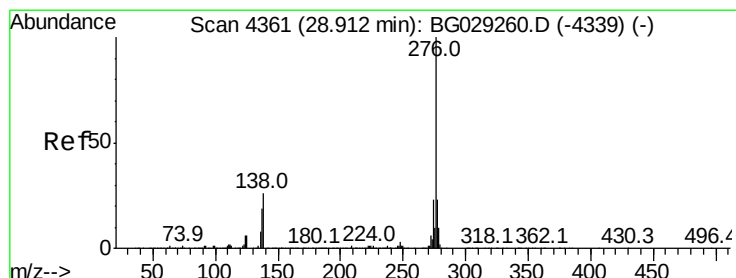
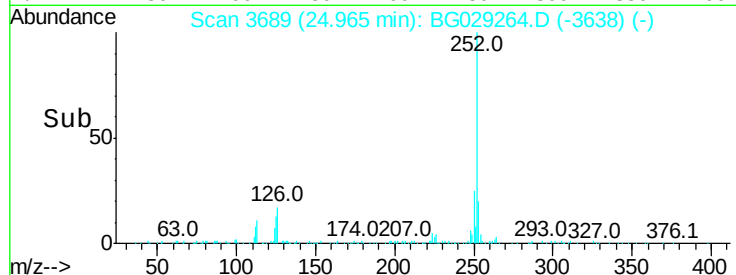
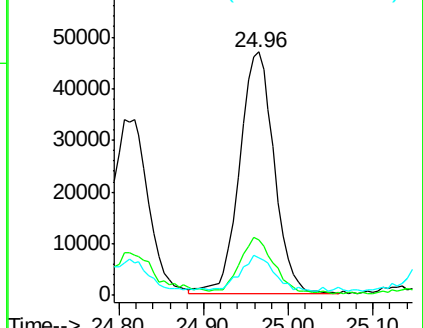
252 100

253 22.6 17.1 25.7

125 15.5 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.569 ng/ul

RT: 28.92 min Scan# 4362

Delta R.T. 0.01 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

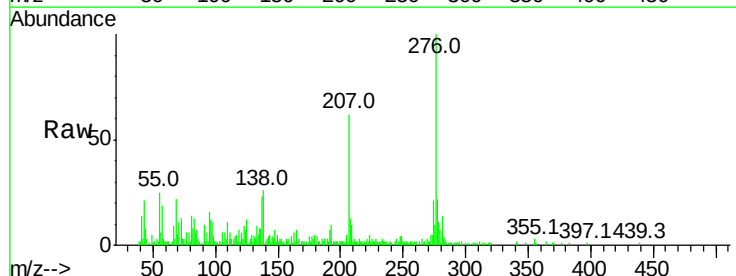
Tgt Ion:276 Resp: 89318

Ion Ratio Lower Upper

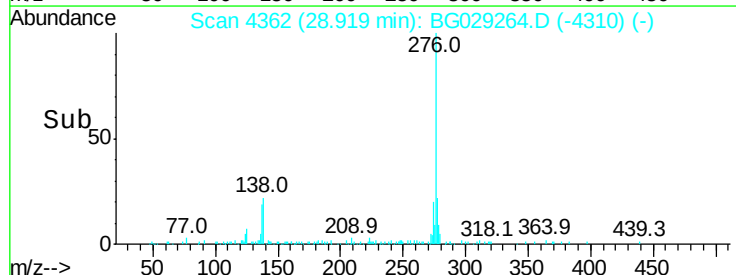
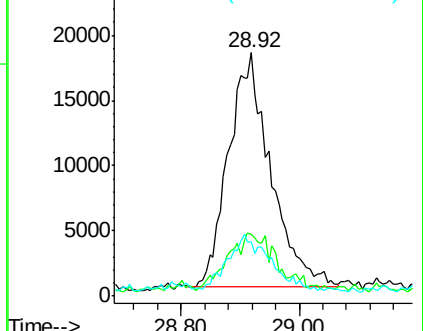
276 100

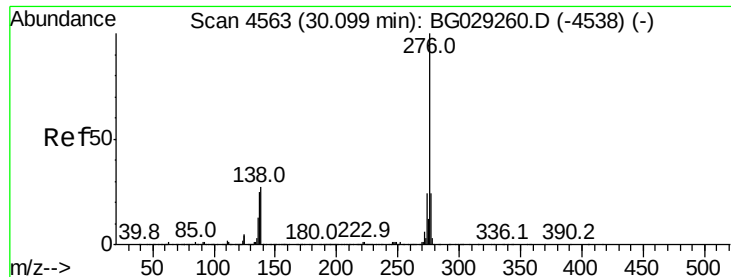
138 25.6 13.4 20.0#

277 22.2 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.435 ng/ul

RT: 30.09 min Scan# 4562

Delta R.T. -0.00 min

Lab File: BG029264.D

Acq: 15 Oct 2017 18:14

Instrument :

BNA_G

ClientSampleId :

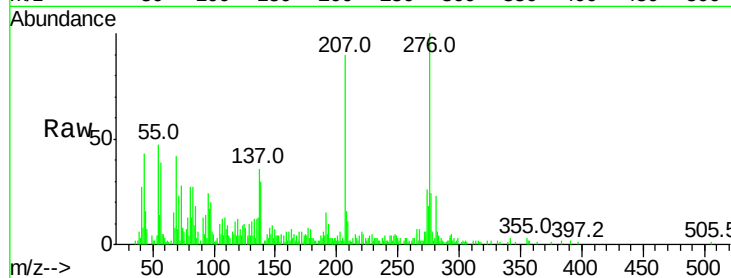
Tot Ion:276 Resp: 67707

Ion Ratio Lower Upper

276 100

138 29.9 12.1 18.1#

277 23.5 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

